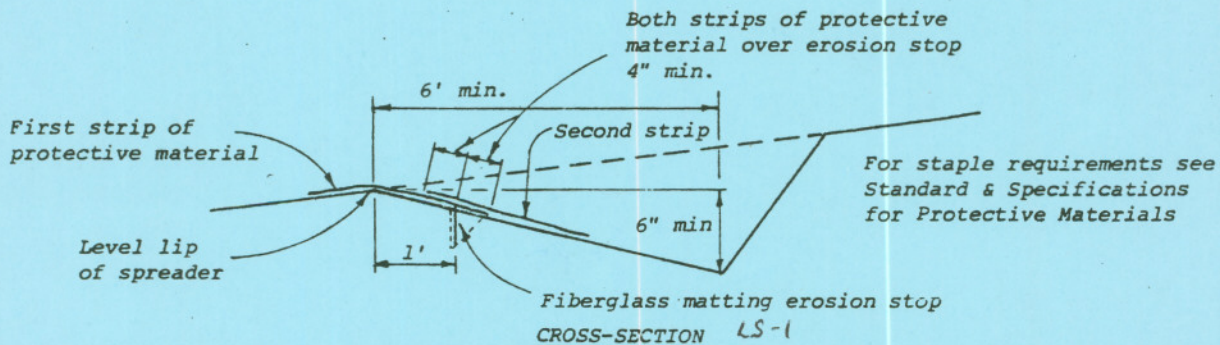
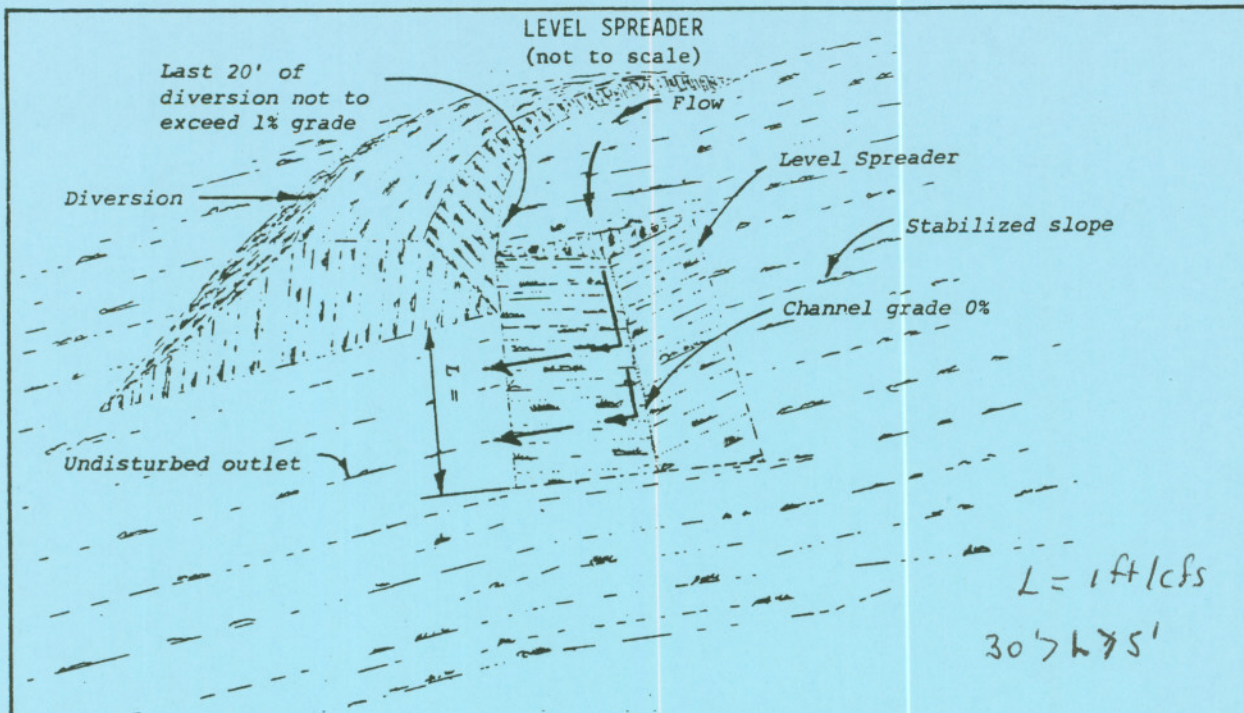


9-16

9-14.1



Construction Specifications

1. Level spreaders shall be installed under the direct supervision of the technician.
2. Construct level lip on zero percent grade to insure uniform spreading of sediment-free runoff (converting channel flow to sheet flow).
3. Level spreader shall be constructed on undisturbed soil (not on fill).
4. A fiberglass matting erosion stop shall be placed vertically and at least six inches deep in a slit trench one foot back of the level lip and parallel with the lip. This erosion stop shall extend the entire length of the level lip and shall be trimmed after backfilling with tamped soil so that the upper edge is flush with the soil surface.
5. The entire level lip area shall be protected by placing two strips of jute or excelsior protective material as shown in the Standard Drawing LS-1.
6. The entrance channel shall not exceed a 1% grade for at least 20 feet before entering spreader.
7. Storm runoff converted to sheet flow shall outlet onto stabilized areas. Water shall not be reconcentrated immediately below the point of discharge.
8. Periodic inspection and required maintenance shall be provided.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Harrisburg, Pa.

LEVEL SPREADER

Standard
Drawing